

PDR RID Report

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Document Communication Requirements for the ECS Project,

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Section NA

Page NA

Figure Table NA

RID ID PDR 268

Review CSMS

Originator Ref IVV-TRT-004

Priority 2

Category Name Design-ISS

Actionee HAIS

Sub Category

Subject NSI Data Flows/Bandwidth Requirements at ECS Interfaces

Description of Problem or Suggestion:

The data flows for NSI/ECS have not been identified, making it impossible to assess the total communication requirements.

Originator's Recommendation

The ECS contractor needs to identify the assumptions being used to build the ECS system on (nominal/peak number of users, nominal/peak "pull" data load, frequency of use, response time, etc.). Currently, these assumptions are not documented, making it difficult to assess the extensibility of V0 circuits.

GSFC Response by:

GSFC Response Date

HAIS Response by: Forman

HAIS Schedule 2/28/95

HAIS R. E. M. Armstrong

HAIS Response Date 2/24/95

V0 network circuits will not be used to service pull data. Data flows used to size the ESN WAN (with the assumption that the V0 network migrates to become the ESN WAN), have been described in 220-CD-001-003, Communications Requirements for the ECS Project.

With regard to nominal and peak numbers of users, the user model is not the primary basis for sizing NSI output from the DAACs. Instead, the user baseline is derived from an ESDIS budget constraints limit based the total volume of distribution data. Please see the response to RID 256.

Status **Closed**

Date Closed 4/12/95

Sponsor desJardins

Attachment if any
